

Job Description

Title

Mathematical Engineer

Company Overview

Sókn Engineering, Inc. is a woman owned S.T.E.M. Company that seeks out and develops technology that have commercial viability with a particular focus on promoting women in the fields of Science, Technology, Engineering, and Mathematics. Sókn is realigning it's proprietary AI trading models to create a trading platform based on algorithmic market analytics and automated trade placement. Sókn Engineering provides a fast paced, thoughtful environment where its leadership values each employee's individual contribution.

Job Description

The Mathematical Engineers will be part of the algorithmic trading desk team engaged in the continued innovation of the Company's proprietary mathematical algorithms. The ideal candidate will have demonstrated knowledge of complex analytics, algorithmic thinking, and modeling development. Although not required, an understanding of software development, artificial intelligence and machine learning is a plus. The Mathematical Engineer will work closely with the Company's Mathematical Innovator of our proprietary math models.

Responsibilities

- Develop and use various computational methods to solve math-based engineering problems.
- Collaborates with other engineers and staff to identify a specific problem; implement mathematical theories and techniques to work toward a solution.
- Collects and analyzes data to identify trends and relationships.
- Recognize previously unknown relationships between mathematical principles.
- Decide what data is required to answer specific questions or problems.
- Interpret data and report conclusions from analytics.
- Use data to support and improve decisions.
- Interact with trading engineers to define software requirements and communicate to software engineers.

Job Qualifications and Skill Sets

- Thorough understanding of applied and theoretical mathematics, especially as they relate to problems associated to the trading environment.
- Ability to evaluate and analyze large data.
- Excellent deductive reasoning skills.
- Ability to use computer code and modeling to solve problems.
- Strong math background in an accredited engineering program or institution.
- Working knowledge of linear algebra and multi-variant calculus is not required, but a plus.
- Willingness to understand and work with modular calculus.

Must be able to work effectively within a small team, as well as an independent thinker. The goal of this position is to help the Company create and refine an autonomous algorithmic trading vehicle. It is an exciting environment where ideas are valued, and fit is critical to the success of not only this position, but the Company.

Compensation is commensurate with experience and there is an opportunity to participate in the near-term and long-term financial success of the Company.

Location

This position is located at the Company's headquarters in Whitefish, Montana. Whitefish is located in Northwest Montana and home to Whitefish Mountain Resort and Flathead Lake (largest freshwater lake west of the Mississippi). In addition, Whitefish is only minutes from the natural beauty of Glacier National Park. The Flathead Valley boasts some of the best snow skiing, flyfishing, mountain biking and hiking in the United States.

Apply

To be considered for this position, please send your resume to info@SoknEngineering.com, or mail to Sokn Engineering, Inc. Attention Human Resources, 6479 Highway 93, # 327, Whitefish, MT 59937. Company information can be found by visiting www.SoknEngineering.com.